

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| S1    | 1    | ("6389280").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/12 14:34 |
| S2    | 7    | ("5363481"   "5465401"   "5579535"<br>  "5596348"   "5761610"  <br>"5892475"   "5915214").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/13 09:58 |
| S3    | 1    | ("6389280").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/13 09:58 |
| S4    | 0    | ("6389280").URPN.   | USPAT                        | OR               | ON      | 2005/09/13 09:58 |
| S5    | 0    | ("6389280").URPN.   | USPAT                        | OR               | ON      | 2005/09/13 09:58 |
| S6    | 7    | ("5363481"   "5465401"   "5579535"<br>  "5596348"   "5761610"  <br>"5892475"   "5915214").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/13 09:58 |
| S7    | 432  | (715/804).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 14:04 |
| S8    | 116  | (715/802).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 14:04 |
| S9    | 211  | (715/803).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 14:04 |
| S10   | 85   | (715/805).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 14:04 |
| S11   | 303  | (715/841).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 14:04 |
| S12   | 670  | (715/853).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 14:04 |
| S13   | 564  | (715/854).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 14:04 |
| S14   | 125  | (715/855).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 14:04 |
| S15   | 498  | (715/856).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 16:42 |
| S16   | 1    | ("5892475").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 16:43 |
| S17   | 1    | ("6389280").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/14 16:43 |
| S18   | 0    | ("6389280").URPN.   | USPAT                        | OR               | ON      | 2005/09/14 17:29 |
| S19   | 7    | ("5363481"   "5465401"   "5579535"<br>  "5596348"   "5761610"  <br>"5892475"   "5915214").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/14 17:29 |
| S20   | 21   | ("5761610").URPN.   | USPAT                        | OR               | ON      | 2006/03/09 09:04 |
| S21   | 17   | (directional with (button or key))<br>same (predetermin\$3 with time)                         | USPAT                        | OR               | ON      | 2006/03/09 09:11 |

## EAST Search History

|     |     |   |                    |    |     |                  |
|-----|-----|---|--------------------|----|-----|------------------|
| S22 | 62  | (directional with (button or key)) and ((hold\$3 or held) with (key or button) with time)             | USPAT              | OR | ON  | 2007/04/24 11:01 |
| S23 | 15  | (directional with (button or key)) same((hold\$3 or held) with (key or button) with time)             | USPAT              | OR | ON  | 2006/03/09 09:14 |
| S24 | 0   | (directional with (button or key)) with menu and ((hold\$3 or held) with (key or button) with time)   | USPAT              | OR | ON  | 2006/03/09 09:14 |
| S25 | 0   | ((directional with (button or key)) with menu) and ((hold\$3 or held) with (key or button) with time) | USPAT              | OR | ON  | 2006/03/09 09:15 |
| S26 | 22  | (scrolling with menu) and ((hold\$3 or held) with (key or button) with time)                          | USPAT              | OR | ON  | 2006/03/09 09:15 |
| S27 | 100 | (scroll\$3 with menu) and ((hold\$3 or held) with (key or button) with time)                          | USPAT              | OR | ON  | 2006/03/09 09:15 |
| S28 | 14  | (scroll\$3 with menu) same((hold\$3 or held) with (key or button) with time)                          | USPAT              | OR | ON  | 2006/03/09 09:15 |
| S29 | 17  | (directional with (button or key)) same (predetermin\$3 with time)                                    | USPAT              | OR | ON  | 2006/03/14 13:33 |
| S30 | 63  | (directional with (button or key)) and ((hold\$3 or held) with (key or button) with time)             | USPAT              | OR | ON  | 2006/03/14 13:33 |
| S31 | 15  | (directional with (button or key)) same((hold\$3 or held) with (key or button) with time)             | USPAT              | OR | ON  | 2006/03/14 13:33 |
| S32 | 1   | (directional with (button or key)) with menu and ((hold\$3 or held) with (key or button) with time)   | USPAT              | OR | ON  | 2006/03/14 13:33 |
| S33 | 100 | (scroll\$3 with menu) and ((hold\$3 or held) with (key or button) with time)                          | USPAT              | OR | ON  | 2006/03/14 13:33 |
| S34 | 14  | (scroll\$3 with menu) same((hold\$3 or held) with (key or button) with time)                          | USPAT              | OR | ON  | 2006/03/14 13:33 |
| S35 | 449 | (715/804).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 13:33 |
| S36 | 133 | (715/802).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 13:33 |
| S37 | 218 | (715/803).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 13:33 |
| S38 | 103 | (715/805).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 13:33 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| S39 | 316 | (715/841).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/14 13:33 |
| S40 | 711 | (715/853).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/14 13:34 |
| S41 | 606 | (715/854).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/14 13:34 |
| S42 | 141 | (715/855).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/14 13:34 |
| S43 | 525 | (715/856).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/14 13:34 |
| S44 | 1   | ("6104399").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/09/22 13:34 |
| S45 | 1   | ("6389280").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S46 | 7   | ("5363481"   "5465401"   "5579535"<br>  "5596348"   "5761610"  <br>"5892475"   "5915214").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/09/22 13:36 |
| S47 | 1   | ("6389280").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S48 | 0   | ("6389280").URPN.   | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S49 | 0   | ("6389280").URPN.   | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S50 | 7   | ("5363481"   "5465401"   "5579535"<br>  "5596348"   "5761610"  <br>"5892475"   "5915214").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/09/22 13:36 |
| S51 | 466 | (715/804).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S52 | 151 | (715/802).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S53 | 222 | (715/803).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S54 | 110 | (715/805).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S55 | 330 | (715/841).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S56 | 768 | (715/853).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S57 | 653 | (715/854).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S58 | 151 | (715/855).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S59 | 553 | (715/856).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S60 | 1   | ("5892475").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| S61 | 1   | ("6389280").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S62 | 0   | ("6389280").URPN.   | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S63 | 7   | ("5363481"   "5465401"   "5579535"<br>  "5596348"   "5761610"  <br>"5892475"   "5915214").PN.               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/09/22 13:36 |
| S64 | 22  | ("5761610").URPN.   | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S65 | 18  | (directional with (button or key))<br>same (predetermin\$3 with time)                                       | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S66 | 68  | (directional with (button or key))<br>and ((hold\$3 or held) with (key or<br>button) with time)             | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S67 | 15  | (directional with (button or key))<br>same((hold\$3 or held) with (key or<br>button) with time)             | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S68 | 3   | (directional with (button or key))<br>with menu and ((hold\$3 or held)<br>with (key or button) with time)   | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S69 | 3   | ((directional with (button or key))<br>with menu) and ((hold\$3 or held)<br>with (key or button) with time) | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S70 | 26  | (scrolling with menu) and ((hold\$3<br>or held) with (key or button) with<br>time)                          | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S71 | 107 | (scroll\$3 with menu) and ((hold\$3<br>or held) with (key or button) with<br>time)                          | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S72 | 15  | (scroll\$3 with menu) same((hold\$3<br>or held) with (key or button) with<br>time)                          | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S73 | 18  | (directional with (button or key))<br>same (predetermin\$3 with time)                                       | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S74 | 68  | (directional with (button or key))<br>and ((hold\$3 or held) with (key or<br>button) with time)             | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S75 | 15  | (directional with (button or key))<br>same((hold\$3 or held) with (key or<br>button) with time)             | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S76 | 107 | (scroll\$3 with menu) and ((hold\$3<br>or held) with (key or button) with<br>time)                          | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S77 | 15  | (scroll\$3 with menu) same((hold\$3<br>or held) with (key or button) with<br>time)                          | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S78 | 151 | (715/802).CCLS.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |

## EAST Search History

|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| S79 | 110   | (715/805).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S80 | 3     | (directional with (button or key))<br>with menu and ((hold\$3 or held)<br>with (key or button) with time)  | USPAT                        | OR | ON  | 2006/09/22 13:36 |
| S81 | 466   | (715/804).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S82 | 222   | (715/803).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S83 | 553   | (715/856).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S84 | 330   | (715/841).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S85 | 768   | (715/853).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S86 | 653   | (715/854).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S87 | 151   | (715/855).CCLS.  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/09/22 13:36 |
| S88 | 5     | ("5769719"   "6052070"   "6097964"<br>  "6141011"   "6208340").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/24 09:46 |
| S89 | 24    | ("5363481").URPN.  | USPAT                        | OR | OFF | 2007/04/24 10:45 |
| S90 | 4245  | ((button or key) with (hold\$3 held<br>press\$3)) same (predetermin\$3 with<br>(time duration))  | USPAT                        | OR | ON  | 2007/04/24 11:03 |
| S91 | 10396 | ((button or key) with (hold\$3 held<br>press\$3)) same ((predetermin\$3 or<br>period) with (time duration period))                               | USPAT                        | OR | ON  | 2007/04/24 11:04 |
| S92 | 4856  | ((button or key) with (hold\$3 held<br>press\$3)) with ((predetermin\$3 or<br>period) with (time duration period))                               | USPAT                        | OR | ON  | 2007/04/24 11:04 |
| S93 | 147   | ((button or key) with (hold\$3 held<br>press\$3)) with ((predetermin\$3 or<br>period) with (time duration period)).<br>ti,ab.                    | USPAT                        | OR | ON  | 2007/04/24 11:04 |
| S94 | 161   | ((button or key) with (hold\$3 held<br>press\$3)) with ((predetermin\$3 or<br>period) with (time duration period))<br>same menu                  | USPAT                        | OR | ON  | 2007/04/24 13:01 |
| S95 | 16    | ((button or key) with (hold\$3 held<br>press\$3)) with ((predetermin\$3 or<br>period) with (time duration period))<br>same (menu with scroll\$3) | USPAT                        | OR | ON  | 2007/04/24 13:12 |

## EAST Search History

|     |    |   |       |    |    |                  |
|-----|----|---|-------|----|----|------------------|
| S96 | 16 | (((button or key) with (hold\$3 held press\$3)) with ((predetermin\$3 or period) with (time duration period))) same (menu with scroll\$3) | USPAT | OR | ON | 2007/04/24 14:12 |
| S97 | 1  | "5761610".pn.   | USPAT | OR | ON | 2007/04/24 14:13 |